



Abstract - Print Format

< Back t

An object-oriented implementation of an adaptive classification of job opening

Clyde, S. Jianping Zhang Chih-Chung Yao
Dept. of Comput. Sci., Utah State Univ., Logan, UT ;

This paper appears in: Artificial Intelligence for Applications, 1995. Proceedings., 11th Conference on

Publication Date: 20-23 Feb 1995

On page(s): 9-16

Meeting Date: 02/20/1995 - 02/23/1995

Location: Los Angeles, CA, USA

ISBN: 0-8186-7070-3

References Cited: 9

INSPEC Accession Number: 4917863

DOI: 10.1109/CAIA.1995.378795

Posted online: 2002-08-06 20:05:08.0

Abstract

Automating job classification is challenging because it involves a large number of dynamic classes and features, concept drift uncertainty, and noisy data. We present a software solution to this problem that consists of an incremental learning subsystem and a job classifier. We also describe our design and implementation using object-oriented systems modeling, a complete object-oriented approach that supports analysis, specification and design, and has a smooth mapping to most object-oriented-object programming languages. Some experimental results and comparisons to other learning/classification algorithms are given. A production version of the software written in C++ is performing with superior accuracy

Index Terms

Available to subscribers and IEEE members.

References

Available to subscribers and IEEE members.

Citing Documents

Available to subscribers and IEEE members.

Indexed by


© Copyright 2006 IEEE – All Rights Reser